

ADDING INTEGERS

A. Negative + Negative

1. Will ALWAYS be a negative answer
2. ADD the numbers

B. One of each:

1. The BIGGER looking number tells you the sign OR the number that is furthest away from zero tells you the sign
2. SUBTRACT the numbers

SUBTRACTING INTEGERS

1. ADD the opposites

MULTIPLYING INTEGERS

A. One of Each (DIFFERENT SIGN)

1. The answer will always be a NEGATIVE number
2. Multiply the Numbers

B. Both Negative (SAME SIGN)

1. The answer will always be a POSITIVE number
2. Multiply the Numbers

RULES

$$- \times - = +$$

$$- \times + = -$$

$$+ \times + = +$$

DIVIDING INTEGERS (SAME AS MULTIPLYING)

A. One of Each (DIFFERENT SIGN)

1. The answer will always be a NEGATIVE number
2. Divide the Numbers

B. Both Negative (SAME SIGN)

1. The answer will always be a POSITIVE number
2. Divide the Numbers

integer- positive and negative numbers

X-axis- goes left and right

Y-axis- goes up and down

origin- where the x and y axis cross each other

ordered pair- the two numbers that get used with coordinate planes

QUADRANTS:

II	I
III	IV